

WHAT IS CLAIMED IS:

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1. A data processing apparatus comprising:  
conversion means for spooling a rendering command  
5 based on data generated by an application program and  
converting the data so as to comply with an output  
format of an external device; and  
print data generation means for generating print  
data, which can be interpreted by the external device,  
10 based on the data converted by said conversion means,  
wherein said conversion means changes a processing  
content in accordance with environment data related to a  
usage environment of said data processing apparatus.
  - 15 2. The data processing apparatus according to  
claim 1, wherein the environment data includes  
information regarding a language used.
  - 20 3. The data processing apparatus according to  
claim 1, further comprising a memory for storing a  
setting-information file which stores various setting  
information corresponding to the environment data,  
wherein when said conversion means performs  
conversion processing on the rendering command, said  
25 conversion means acquires the environment data and  
performs processing, corresponding to the acquired

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environment data, based on the setting-information file.

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4. The data processing apparatus according to  
claim 1, wherein said print data generation means is a  
5 printer driver.

5. The data processing apparatus according to  
claim 4, wherein said conversion means is a module  
independent of a printer driver, and used commonly by a  
10 plurality of printer drivers.

6. The data processing apparatus according to  
claim 1, wherein said data processing apparatus and/or  
the external device comprise display means, and a  
15 process procedure of said conversion means includes  
displaying of a predetermined message on the display  
means,  
wherein a language of the predetermined message is  
changed in accordance with the environment data.

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7. The data processing apparatus according to  
claim 1, wherein the external device is a printer, and  
said conversion means changes setting of a character  
used in printing processing of the printer in accordance  
25 with the environment data.

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8. The data processing apparatus according to claim 1, wherein said conversion means is capable of changing a processing content for each job.

5 9. A data processing method comprising:  
a conversion step of spooling a rendering command based on data generated by an application program and converting the data so as to comply with an output format of an external device; and

10 a print data generation step of generating print data, which can be interpreted by the external device, based on the data converted in said conversion step,  
wherein in said conversion step, a processing content is changed in accordance with environment data  
15 related to a usage environment of said data processing method.

10. The data processing method according to claim 9, wherein the environment data includes  
20 information regarding a language used.

11. The data processing method according to claim 9, further comprising a step of storing a setting-information file which stores various setting  
25 information corresponding to the environment data,  
wherein when conversion processing is performed on

the rendering command in said conversion step, the environment data is acquired and processing corresponding to the acquired environment data is performed based on the setting-information file in said  
5 conversion step.

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12. The data processing method according to claim 9, wherein said print data generation step is executed by a printer driver.

10 13. The data processing method according to claim 12, wherein said conversion step is executed by a module independent of the printer driver, and used commonly by a plurality of printer drivers.

15 14. The data processing method according to claim 9, wherein said conversion step comprises a step of displaying a predetermined message,  
wherein a language of the predetermined message is  
20 changed in accordance with the environment data.

15. The data processing method according to claim 9, wherein the external device is a printer, and setting of a character used in printing processing of  
25 the printer is changed in accordance with the environment data in said conversion step.

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16. The data processing method according to claim 9, wherein a processing content for each job can be changed in said conversion step.

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17. A data processing apparatus comprising:  
conversion means for spooling a rendering command based on data generated by an application program and converting the data so as to comply with an output  
10 format of an external device; and

print data generation means for generating print data, which can be interpreted by the external device, based on the data converted by said conversion means,

wherein said conversion means causes to display a  
15 message in a language system corresponding to environment data related to a usage environment of said data processing apparatus.

18. The data processing apparatus according to  
20 claim 17, wherein the message is error display outputted to a printer driver serving as said print data generation means.

19. A data processing method comprising:  
25 a conversion step of spooling a rendering command based on data generated by an application program and

converting the data so as to comply with an output  
format of an external device; and

a print data generation step of generating print  
data, which can be interpreted by the external device,  
5 based on the data converted in said conversion step,

wherein said conversion step causes to display a  
message in a language system corresponding to  
environment data related to a usage environment of said  
data processing method.

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20. The data processing method according to  
claim 17, wherein the message is an error message in  
said print data generation step.

15 21. A storage medium storing a computer-readable  
program for causing a computer executing the program to  
operate as a data processing apparatus comprising:

conversion means for spooling a rendering command  
based on data generated by an application program and  
20 converting the data so as to comply with an output  
format of an external device; and

print data generation means for generating print  
data, which can be interpreted by the external device,  
based on the data converted by said conversion means,  
25 wherein said conversion means changes a processing  
content in accordance with environment data related to a

usage environment of said data processing apparatus.

22. The storage medium according to claim 21,  
wherein the environment data includes information  
5 regarding a language used.

23. The storage medium according to claim 21,  
causing the computer to operate as the data processing  
apparatus further comprising a memory for storing a  
10 setting-information file which stores various setting  
information corresponding to the environment data,  
wherein when said conversion means performs  
conversion processing on the rendering command, said  
conversion means acquires the environment data and  
15 performs processing, corresponding to the acquired  
environment data, based on the setting-information file.

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24. The storage medium according to claim 21,  
wherein said print data generation means is a printer  
20 driver.

25. The storage medium according to claim 24,  
wherein said conversion means is a module independent of  
a printer driver, and used commonly by a plurality of  
25 printer drivers.

26. The storage medium according to claim 21,  
wherein said data processing apparatus and/or the  
external device comprise display means, and a process  
procedure of said conversion means includes displaying  
5 of a predetermined message on the display means,

wherein a language of the predetermined message is  
changed in accordance with the environment data.

27. The storage medium according to claim 21,  
10 wherein the external device is a printer, and said  
conversion means changes setting of a character used in  
printing processing of the printer in accordance with  
the environment data.

5.6 A.1 } 15 28. The storage medium according to claim 21,  
wherein said conversion means is capable of changing a  
processing content for each job.

29. The storage medium according to claim 23,  
20 wherein said conversion means is capable of changing a  
processing content for each job.

5.6 A.1 } 25 30. A storage medium storing a computer-readable  
program for causing a computer executing the program to  
operate as a data processing apparatus comprising:

conversion means for spooling a rendering command



based on data generated by an application program and  
converting the data so as to comply with an output  
format of an external device; and

print data generation means for generating print  
5 data, which can be interpreted by the external device,  
based on the data converted by said conversion means,

wherein said conversion means causes to display a  
message in a language system corresponding to  
environment data related to a usage environment of said  
10 data processing apparatus.

31. The storage medium according to claim 30,  
wherein the message is error display outputted to a  
printer driver serving as said print data generation  
15 means.